

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE <b>MONTHLY REPORT OF          RIVER AND FLOOD CONDITIONS</b>	<b>HYDROLOGIC SERVICE AREA:</b> <b>Pocatello, Idaho</b>
	<b>REPORT FOR:</b> <b>MONTH: September YEAR: 2007</b>
<b>TO:</b> Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	<b>SIGNATURE</b>  Sherrie Hebert Service Hydrologist
	<b>DATE:</b> October 10, 2007
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

	<b>An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.</b>
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While Idaho’s fire season was wrapping up, September rains produced flash floods and debris flows in Eastern Idaho in the burn areas. Rain falling on the Castle Rock Fire near Ketchum, Idaho caused some flash flooding and debris flows on September 5. No injuries or property damage were reported, however firefighters working on some hot spots were temporarily trapped behind one of the debris flows until the road was cleared.

**Other Hydrologic Interests**

**Precipitation**

Precipitation was above normal for much of the Pocatello Hydrologic Service Area (HSA) in September. The entire HSA received an average of 153% of normal precipitation in September for 39 of 43 reporting stations with climate data, according to Western Region Climate Center data. More than two-thirds of the stations received more than normal precipitation, while three stations received more than double the normal amounts: Arco with 275%, Aberdeen at 218% and Massacre Rocks at 209%. Coming in with the least were Challis at 48% and Richfield at 33%.

**River Levels & Snowpack**

River levels across the Pocatello HSA continue to run less than 50% of normal.

**Drought**

Idaho held steady on the Drought Monitor through September in the D2, “Severe,” and D3, “Extreme” rankings. No additional Eastern Idaho counties were added to the Idaho Emergency Drought Declaration list.

## Reservoirs

The Upper Snake River reservoir system is at 12% of capacity<sup>1</sup>, down 2% from September 16, 2007<sup>2</sup>.

Reservoir	% Capacity August 31 <sup>3</sup>	% Capacity September 30 <sup>4</sup>	Percent Change	% of Average <sup>4</sup>	% of Last Year <sup>4</sup>
American Falls	3	2	-1	6	13
Bear Lake	M	25	n/a	37	72
Blackfoot	25	21	-4	37	51
Henry's Lake	82	79	-3	94	86
Island Park	24	12	-12	24	22
Little Wood	2	5	3	21	14
Mackay	6	1	-5	5	6
Magic	8	3	-5	9	7
Oakley	29	25	-4	90	55
Palisades	18	16	-2	24	30
Ririe	62	44	-18	81	62
Lake Walcott	56 <sup>2</sup>	46 <sup>1</sup>	-10	n/a	n/a
Milner	92 <sup>2</sup>	84 <sup>1</sup>	-8	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), October 9, 2007; (2) BOR, September 16, 2007; (3) NRCS, August 31, 2007; (4) NRCS, September 30, 2007.

## September 2007 Hydrologic Product Summary

The following hydrologic products were issued in September.

Product	Number Issued
Flash Flood Warning	5
Flash Flood Statement	9
Flood Watch for Flash Flooding	15
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	0
Hydrologic Statement	0
NOW or Special Weather Statement (with information related to flooding)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager  
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center  
Hydrometeorological Information Center  
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Drought Monitor Mailing List  
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